

09/674492

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

422 Rec'd PCT/PTO 13 NOV 2000

In re Applicant:

Svetlana Dolina

Serial No.: 09/XXX,XXX

Filed: CONCURRENTLY

For: DIAGNOSIS OF PREDISPOSITION TO EPILEPSY  
AND MONITORING OF ANTIEPILEPTIC  
TREATMENT

Group Art Unit:

Attorney  
Docket No.: 1067/7

Examiner:

Commissioner of Patents and Trademarks  
Washington, D.C. 20231PRELIMINARY AMENDMENT

Before examining this application, please preliminarily amend the application as follows:

In the claims:

Please cancel claims 1-51.

Please add new claims 1-15, as follows:

- 52 ✓ A method for diagnosing a predisposition to epilepsy, or epilepsy itself, in a subject, the method comprising the steps of:
- (a) obtaining a sample from the subject;
  - (b) measuring a concentration of at least two kynurenine metabolites in the sample; and
  - (c) comparing said concentration of said at least two kynurenine metabolites in the sample to a range of values of said concentration of said at least two kynurenine metabolites for normal individuals, such that if said concentration of said at least two kynurenine metabolites in the sample lies outside of said range of values for normal individuals, epilepsy or a predisposition to epilepsy is diagnosed in the subject.

BB ✓ The method of claim 1, wherein said at least two metabolites are selected from

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a1  
Rule 1.126